

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2003/001367

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: G01S 5/14, H04Q 7/36**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: H04Q, G01S, H04B**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ, INSPEC**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9727711 A1 (NOKIA TELECOMMUNICATIONSOY), 31 July 1997 (31.07.1997), page 10, line 28 - page 14, line 23, figures 2-5  --	1-34
A	US 6321083 B1 (TOMI VAARA ET AL), 20 November 2001 (20.11.2001), column 2, line 8 - column 3, line 25  --	1-34
A	US 6266534 B1 (ALEX K. RAITH ET AL), 24 July 2001 (24.07.2001), column 2, line 31 - line 62  --	1-34
A	WO 9728456 A1 (ERICSSON INC.), 7 August 1997 (07.08.1997), page 2, line 27 - page 3, line 11  --	1-34

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
**23 February 2004**

Date of mailing of the international search report  
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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5907809 A (KARL MOLNAR ET AL), 25 May 1999 (25.05.1999), column 2, line 36 - line 56 --	1-34
A	GB 2307142 A (MOTOROLA LIMITED), 14 May 1997 (14.05.1997), page 3, line 12 - line 30; page 5, line 30 - page 6, line 18 -- -----	1-34

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